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SECRETARY

Amendment of Section 73.202(b)  
Table of Allotments,  
FM Broadcast Stations,  
Channel 258C3 (99.5 MHz)  
**FARMINGTON, MISSOURI**

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73-224

2. By Notice of Proposed Rule Making, DA 93-921, released August 4, 1993, the Commission instituted rule making looking toward the allotment of Channel 258C3 at Farmington, with a site

restriction of 18.2 kilometers (11.3 miles) southwest of that community. Interested parties were invited to file comments and counterproposals on or before September 24, 1993.

3. In response to this invitation, KREI Inc., would urge the Commission to allot Channel 258C3 to Bismarck, Missouri, in lieu of Farmington. Bismarck is situated in St. Francois County approximately ten (10) miles west of Farmington and eight (8) miles northwest of the illustrative site proposed by KREI Inc., and specified by the Commission to avert shortspacing with Clayton, Desoto and Gordonville, Missouri FM stations.

4. The coordinates for the Channel 258C3 allotment, as proposed by KREI Inc., and the Commission, are north latitude 37 degrees 38 minutes and 45 seconds and west longitude 90 degrees 32 minutes 14 seconds. There is annexed hereto an Engineering Statement by Sisk Engineering, Inc., which demonstrates that Channel 258C3 may be allotted to Bismarck, at the same coordinates proposed by the Commission, and in full compliance with the minimum distance separation and principal community coverage requirements of the Rules.

5. Bismarck is an incorporated community with a population of 1,579 (1990 Census). Bismarck has a post office (zip 63624) and a Mayor - Council, form of government. The Mayor is a member of Council but is elected to that office by the public. Bismarck operates a police department and a volunteer fire department. The Bismarck School System serves 703 students, 376 in kindergarten through sixth grade and 327 in seventh through twelfth grade.

6. Bismarck has a City Administrator and a variety of businesses and professions which identify themselves with the Bismarck community, including a feed store, a grocery store, a ceramic shop, craft shops, an antique store, auto repairs and sales, a motel, a restaurant, a doctor and a dentist. The Union Pacific Railroad and a small manufacturing company, making sno-cone (ice shaving) machines, are principal employers. Bismarck observed its 125th anniversary in July 1993.

7. Given all of the foregoing, there can be no doubt but that Bismarck is a community of sufficient size and character to warrant the allotment of a first aural transmission service.

8. The allotment of Channel 258C3 to Bismarck would provide a first aural transmission service to that community. Farmington is presently served by two commercial stations, KREI which operates on 800 kHz with power of 1 KW-D and KTJJ which operates on 98.5 MHz with effective radiated power of 100 KW and height above-average terrain of 1,040 feet. The provision of a first aural transmission service at Bismarck is superior to the allotment of a third aural service at Farmington and will, therefore, advance the objectives of Section 307(b) of the Communications Act of 1934, as amended, and the Commission's FM allotment policies.

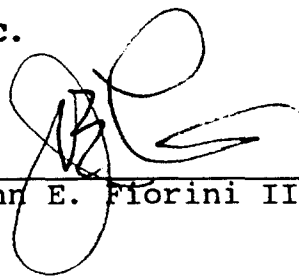
9. KREI Inc., hereby states that if the Commission grants its counterproposal and allots Channel 258C3 at Bismarck, it will apply for the channel when it is allotted, and, if its application is granted, it will promptly build the station.

WHEREFORE, for the foregoing reasons, KREI Inc., respectfully requests the Commission to grant this Counterproposal and to allot Channel 258C3 at Bismarck, Missouri.

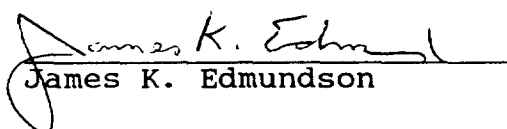
Respectfully submitted,

KREI INC.

By:

  
John E. Florini III

By:

  
James K. Edmundson

GARDNER, CARTON & DOUGLAS  
1301 K Street, N.W.  
Suite 900, East Tower  
Washington, D.C. 20005  
(202) 408-7159

DATED: September 24, 1993  
[62052]

PROPOSED RULE MAKING  
FM CHANNEL 258 C-3  
BISMARCK, MISSOURI

INTRODUCTION:

KREI, Inc. hereby requests that the Federal Communications Commission amend the FM Table of Assignments 73.202 (b), by adding channel 258 C-3 to Bismarck, Missouri. As shown in the attached Figures 1 - 4, this addition to the Federal Communications Commission Table of Assignments can be accomplished with no other changes, and will not create any new preclusion area.

DISCUSSION:

Figure 1 is a computer tabulated separation clearance study which illustrates the channel meets all the restraints placed upon it by 73.202 with 80-90 considerations involved.

Figure 2 is a computer generated map which shows that channel 258 C-3 can be utilized at Bismarck, Missouri.

Figure 3 is a tabulation of the contours which is necessary to illustrate that the proposed hypothetical site could produce the required signal strength taking into consideration the terrain around Bismarck. This exhibit contains the following information, the average elevation in the 3 to 16 kilometer area from this site, effective antenna height utilizing the maximum Class C-3 facility, and the distance to the 60 and 70 d.b.u. contours.

Figure 4 illustrates that Channel 258 C-3 can readily comply with the requirements of 47 CFR 73.315.

CONCLUSION:

Based on this information, and the figures that are included in this Report, we believe that the proposed assignment would be in full compliance with the Federal Communications Commission's Rules.

The Petitioner, KREI, Inc., therefore, requests amendment of the Commission's Table of Assignments 73.202 (b), and will promptly apply for a construction permit, if the Federal Communications Commission makes the requested assignment.

Sisk Engineering, Inc. assumes no liability for any errors or omissions in the information hereby provided, and shall not be liable for any injuries or damages (including consequential) which might result from use of this engineering report. Sisk Engineering, Inc. assumes no liability for this report if it is accepted or rejected by the Federal Communications Commission. The Applicant agrees with these stated terms and conditions or this report is considered null and void and is not to be utilized in any way or filed with the Federal Communications Commission.

  
Olvie E. Sisk

Date: September 22, 1993

CERTIFICATION

I, Olvie E. Sisk, do hereby certify under penalty of perjury;

That my qualifications in telecommunications matters are a matter of record before the Federal Communications Commission having been presented and accepted upon many occasions in the past;

That I am a consultant doing business at Fulton, Mississippi, specializing in technical topics pertaining to the broadcast industry and the associated RF transmission systems;

That I have been retained by KREI, Inc. to perform certain technical studies and prepare this report of same;

That the accompanying technical report and exhibits were prepared by me personally or under my immediate personal supervision and that all information presented therein is true and correct of my own knowledge and belief.

/s/ Olvie E. Sisk  
Olvie E. Sisk

Executed on September 22, 1993

SUMMARY:

1. NAME OF APPLICANT: KREI, INC.
2. STATION LOCATION: BISMARCK, MISSOURI
3. HYPOTHETICAL COORDINATES - 37-38-43  
90-32-54
4. FACILITIES REQUESTED: CHANNEL 258 C-3
5. EFFECTIVE RADIATED POWER: 25 KW
6. HEIGHT OF ANTENNA RADIATION CENTER: 100 M (HAAT)
7. FIGURE 1 - SEPARATION & CLEARANCE STUDY
8. FIGURE 2 - COMPUTER GENERATED MAP
9. FIGURE 3 - TABULATED DISTANCE TO CONTOURS
10. FIGURE 4 - CITY GRADE CONTOUR

**EXHIBIT 1**

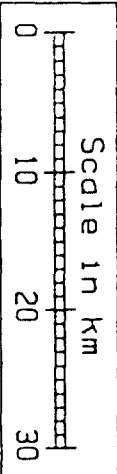
SISK ENGINEERING  
P.O. Box 549 - Fulton MS - 601 862-2233

BISMARCK MO.

REFERENCE		CLASS C3	DISPLAY DATES
37 38 43 N			DATA 08-25-93
90 32 54 W		Current rules spacings	SEARCH 09-22-93
----- CHANNEL 258 - 99.5 MHz -----			

CALL	CH#	CITY	STATE	BEAR'	D-KM	R-KM	MARGIN
KDJR	261A	De Soto	MO	357.7	42.02	42.0	0.02 =
KCGQ	257A	Gordonville	MO	110.0	89.90	89.0	0.90 =
KFUOFM	256C	Clayton	MO	10.8	104.86	96.0	8.86
KZYQFM	259C3	St. James	MO	295.7	109.00	99.0	10.00
WKDQ	258C	Henderson	KY	84.3	266.31	237.0	29.31
KUNQ.C	257C2	Houston	MO	244.7	146.34	117.0	29.34
KUNQ	257A	Houston	MO	253.6	124.47	89.0	35.47

# EXHIBIT 2



KDJR - BLH910131KB 261A - 2kW MEW 258 C3 - 25kW

+MEW00DBU

+KDJR dBu

60 dBu

60dBu

38



**EXHIBIT 3**TERRAIN AND CONTOUR DATA  
BISMARCK MO.ERP = 25 kW  
FM - 2-6 Tables

Azimuth Deg T.	Ave. Elev. 3 to 16 km Meters AMSL	Effective Antenna Height Meters AAT	ERP (dBk)	F(50-50) Distance to 70 dBu Contour km	F(50-50) Distance to 60 dBu Contour km
0	350.0	65.4	13.979	18.9	32.3
45	292.1	123.3	13.979	25.5	42.5
90	281.1	134.3	13.979	26.4	43.9
135	228.1	187.3	13.979	30.7	50.0
180	310.2	105.2	13.979	23.8	39.9
225	326.2	89.2	13.979	22.0	37.2
270	378.8	36.6	13.979	13.8	24.7
315	357.1	58.3	13.979	17.8	30.7

Ave. = 315.4 M      99.9 M

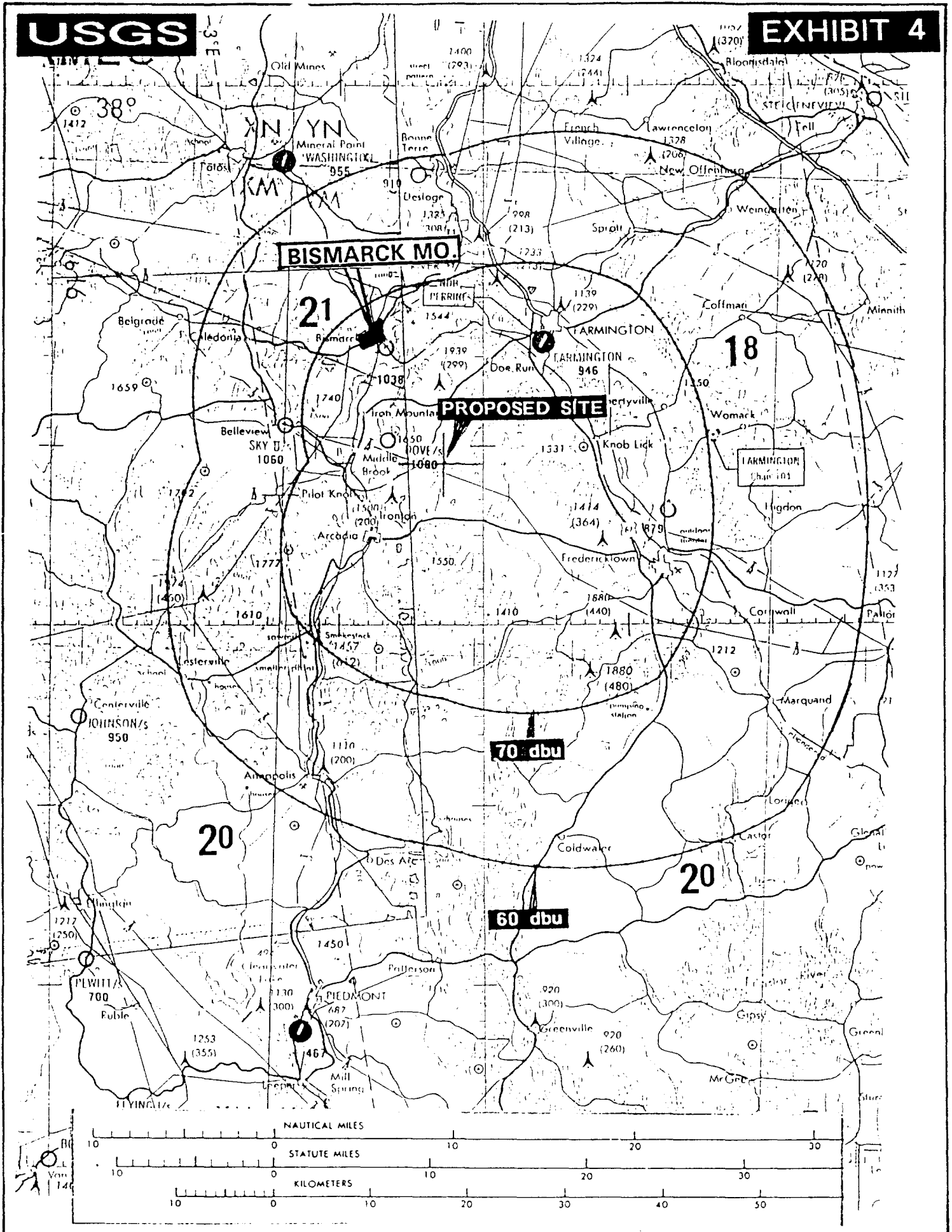
Antenna Radiation Center AMSL = 415.4 M

## Geographic Coordinates:

North latitude: 37 38 43

West longitude: 90 32 54

# EXHIBIT 4



CERTIFICATE OF SERVICE

I, Virginia L. Davidson, a secretary in the law offices of Gardner, Carton & Douglas, do hereby certify that true copies of the foregoing "COMMENTS AND COUNTERPROPOSAL" were sent September 24, 1993, by first-class United States mail, postage prepaid, or as indicated by hand to the following:

Victoria M. McCauley, Assistant Chief  
Allocations Branch  
Policy and Rules Division  
Mass Media Bureau  
Federal Communications Commission  
2025 M Street, N.W., Room 8318  
Washington, D.C. 20554  
(BY HAND)

Kathleen Scheuerle  
Mass Media Bureau  
Federal Communications Commission  
2025 M Street, N.W., Room 8314  
Washington, D.C. 20554  
(BY HAND)

  
Virginia L. Davidson